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MANSFIELD WOODHOUSE  
URBAN DISTRICT COUNCIL



# ANNUAL REPORT

of the Medical Officer of Health  
For the year 1948.

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B. N. EEDY,

M.B., B.Ch., D.P.H.

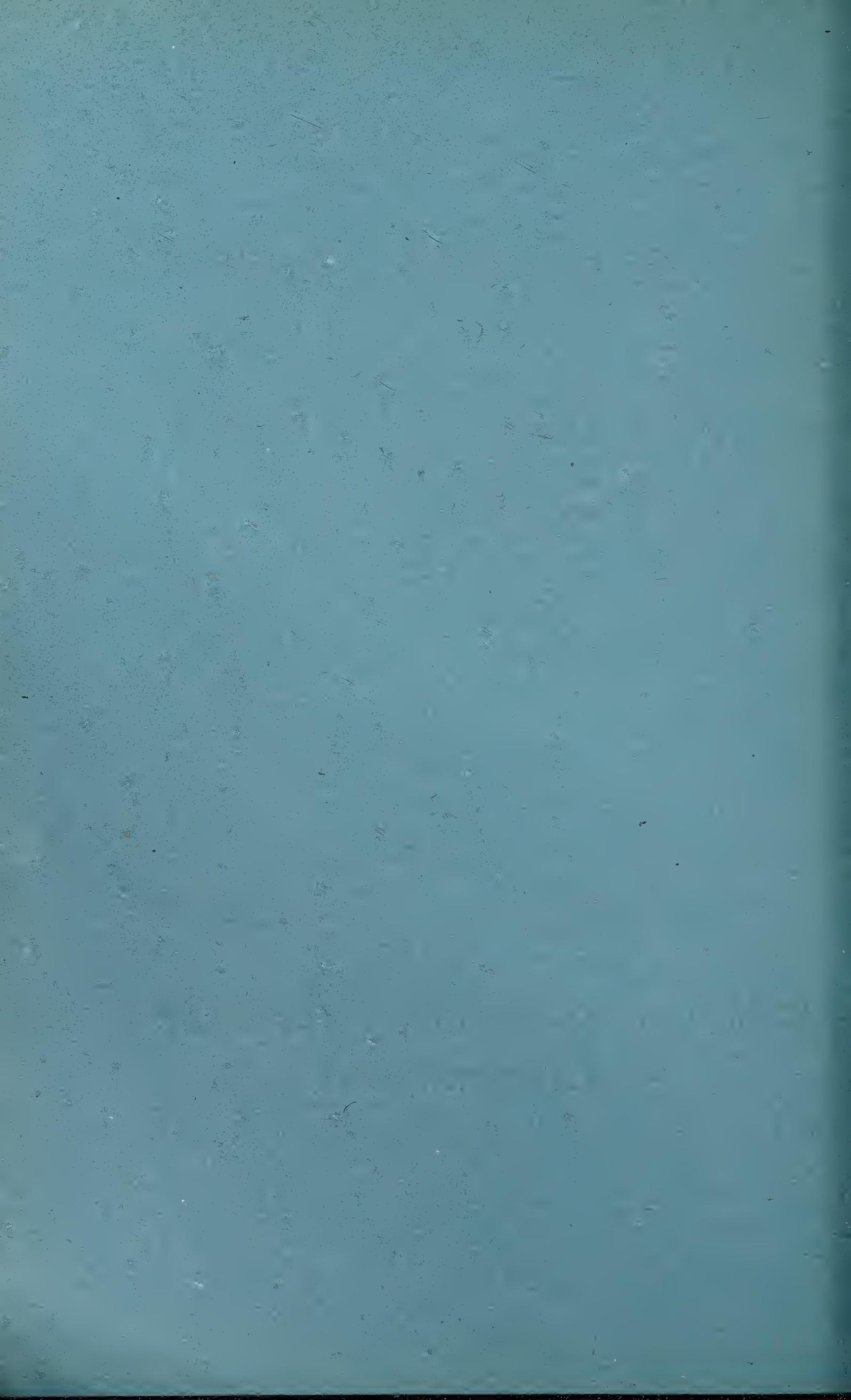
MEDICAL OFFICER OF HEALTH

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INCLUDING THE

## Report of the Sanitary Inspector

L. F. LIGHTFOOT, C.R.S.I.



## **THE HEALTH COMMITTEE.**

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**Chairman:**

**Councillor C. W. ELLIS.**

Councillor J. H. BROWN,	Councillor A. HOLMES,
„ C. J. CHURCHMAN,	„ J. W. HORROBIN,
„ J. COLLIER,	„ F. HUDSON,
„ R. COTTON,	„ G. JELLEY,
„ L. E. FLINT,	„ H. LOWE,
„ W. GROVES,	„ E. MAPLETOFT,
„ C. HOLEHOUSE,	„ W. WOODCOCK.

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## **The Maternity and Child Welfare Committee.**

**Chairman:**

**MRS. E. E. SHAW.**

Mrs. G. BETTS,	Mrs. B. HOLEHOUSE,
Mrs. A. I. ASHLEY,	Mrs. W. REASON,
Mrs. E. H. HOBSON,	Mrs. F. TOWERS.

**Public Health Officers:****Medical Officer of Health****B. N. EEDY, M.B., B.Ch., D.P.H.**

(Appointed 17th May, 1948)

**Deputy Medical Officer of Health :****H. D. Preston, L.M.S.S.A.****Obstetric Consultant & Consultant under Puerperal Fever  
and Pyrexia Regulations.****H. J. MALKIN. M.D. (Lond) F.R.C.S. (Edin) F.R.C.O.G.****Health Visitor:****Miss M. E. Brown, S.R.N. C.M.B.****Dental Surgeon****G. R. SMITH, L.D.S.****Sanitary Inspector:****L. F. LIGHTFOOT, C.R.S.I.,****Clerks:****MISS E. WOLSTENHOLME, MR. T. RENSHAW,**

Public Health Department,

Manor House,

Mansfield Woodhouse,

**TO THE CHAIRMAN AND MEMBERS OF THE  
MANSFIELD WOODHOUSE URBAN DISTRICT COUNCIL.**

Mr. Chairman, Gentlemen,

I have the honour to present my annual report for the year 1948. The year saw a great social change with the coming into force of the National Health Service Act, 1946. In so far as it affects your authority this measure has involved the transfer of Welfare Services to County Council administration.

The vital statistics must be viewed with very qualified satisfaction. The birth rate was higher and the death rate lower than the corresponding rates for the rest of the country but infantile mortality was high and, considering the number of deaths in this group due to respiratory illness, I feel that this must be related to the deplorable housing conditions in which so many of the people have to live.

The work of the department has been rendered difficult by inexperience and lack of continuity resulting from frequent changes of clerical staff.

I should like to offer my sincere thanks to the Chairman and Members of the Health Committee, to the Sanitary Inspector and the staff of the department and to the other officials for their co-operation and assistance during my initial year as your Medical Officer of Health.

I have the honour to be.

Your obedient servant,

**B. N. EEDY.**

## SECTION A.

### STATISTICS AND SOCIAL CONDITIONS.

					1948	1947
Area (in acres)	...	...	...	...	4834	4834
Population	...	...	...	...	17180	16963
Number of inhabited Houses	...	...	...	...	4534	4414
Rateable Value (31st March)	...	...	...	...	£67030	£65893
Gross Sum represented by a 1d. rate					£257	£255

### VITAL STATISTICS.

		1948.		1947.	
		Total	M	F	
Live Births:					
Legitimate	...	356	178	178	391
Illegitimate	...	14	6	8	10
Stillbirths	...	...	8	5	3
Deaths	...	...	151	89	62
Birth rate (per thousand of the population)	...	...			
Legitimate	...		20.72		23.05
Illegitimate	...		0.81		0.59
Stillbirth rate (per thousand of the total births)	...		21.16		12.47

Death rate (per thousand of the population)	...	8.79		8.84
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DEATHS FROM PUEPERAL CAUSES.	Deaths	Rate	Deaths		Rate
			per 1000	per 1000	
			births	births	
Puerperal Sepsis	...	0	0	0	0
Other puerperal causes	...	1	2.65	2	4.99

## DEATHS OF INFANTS UNDER 1 YEAR OF AGE:

		1948.	1947.
All Infants per 1,000 Live Births	...	58.99	42.39
Legitimate per 1,000 Legitimate Births		56.76	43.48
Illegitimate per 1,000 Illegitimate ,,		0.00	00.00

## SPECIAL DEATH RATES PER 1000 POPULATION.

Cancer (all ages)	...	...	1.05	1.12
Measles (all ages)	...	...	0.00	0.00
Whooping Cough (all ages)		...	0.12	0.06
Diarrhoea (under 2 years of age)	...		0.00	0.18
Influenza (all ages)	...	...	0.12	0.06
Bronchitis and Pneumonia (all ages)			1.44	1.24
Tuberculosis (Pulmonary)		...	0.42	0.24
Tuberculosis other forms)	...	...	0.06	0.00

## CHIEF CAUSES OF DEATH.

		1948.	1947	No. of Deaths.
Heart Disease	...	27	29	
Other Vascular Diseases	...	20	6	
Cancer	...	18	19	
Bronchitis	...	15	17	
Pneumonia (all forms)		10	4	
Tuberculosis—Pulmonary	...	7	4	
,, —Other forms	...	1	0	

## DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

(a) Under 14 days	...	...	..	8	9
(b) Over 14 days	...	...	..	13	8

## (a) UNDER 14 DAYS—CAUSES OF DEATHS.

Prematurity	...	...		4	2
Atelectasis	...	...		1	1
Birth injury	...	...	...	1	0
Cerebral haemorrhage	...	...	...	1	0
Acute primary pneumonia	...	...	...	1	0

## (b) OVER 14 DAYS—CAUSES OF DEATHS.

				1948	1947
Broncho-pneumonia	...	...	...	6	3
Prematurity	...	...	...	1	1
Convulsions	...	...	...	2	1
Acute bronchitis	...	...	...	1	0
Whooping cough	...	...	...	1	0
Influenza	...	...	...	1	0
Intracranial haemorrhage	...	...	...	1	0

There were no deaths of infants under one year of age from gastro-enteritis.

Year	INFANTILE MORTALITY		BIRTH RATE		DEATH RATE	
	Mansfield Woodhouse	England & Wales	Mansfield Woodhouse	England & Wales	Mansfield Woodhouse	England & Wales
1940	34	55	19.2	14.6	9.3	14.3
1941	64	59	18.4	14.2	10.2	12.9
1942	68	49	19.8	16.3	10.8	11.6
1943	51	49	23.8	16.5	10.3	12.1
1944	51	46	24.2	17.6	9.3	11.6
1945	46	46	20.1	16.6	9.7	11.4
1946	80	43	21.9	19.1	11.2	11.5
1947	42	41	23.6	20.5	8.8	12.0
1948	57	34	21.5	17.9	8.8	10.8

## COMPARATIVE TABLE

	Mansfield Woodhouse	England & Wales	Smaller Towns	Mansfield Woodhouse	England & Wales	Smaller Towns
1948.						1947
<b>BIRTHS:</b>						
Live	... 21.54	17.9(a)	19.1	23.6	20.5	22.2
Still	... 0.47	0.42(a)	0.43	0.29	0.50	0.54
<b>DEATHS:</b>						
All Causes	... 8.79	10.8 (a)	10.7	8.84	12.00	11.9
Whooping Cough	0.12	0.02	.002	0.06	0.02	0.02
Diphtheria	0.00	0.00	0.00	—	0.01	0.01
<b>NOTIFICATIONS:</b>						
Scarlet Fever	0.99	1.73	1.82	1.00	1.37	1.37
Diphtheria	0.06	0.08	0.09	0.00	0.13	0.14
Erysipelas	... 0.23	0.21	0.21	0.12	0.19	0.18
Cerebro-Spinal Fever	0.06	0.03	0.02	0.00	0.05	0.05
Measles	... 9.78	9.34	8.84	13.02	9.41	9.58
Pneumonia	... 0.41	0.79	0.68	0.17	0.73	0.60
Whooping Cough	4.83	3.42	3.31	0.29	2.22	2.02

(a) Rates per 1,000 total population

## HEALTH VISITOR'S VISITS.

Miss Brown reports :—

	1948.	1947.
1.—Visits to infants under 1 year		
(a) First Visits                    ...	176	375
(b) Subsequent Visits            ...	478	1067
2.—Visits to children 1 to 5 years	1340	2429
3.—Visits to expectant mothers	26	71

## ATTENDANCES AT CLINICS AND WELFARE CENTRES.

Ante-Natal	...     ...	...     .....	384
Post-Natal	...     ...	...     ...	2
Infant Welfare	...     ...	...     ...	4463
Dental	...     ...	...     ...	39
Immunisation	...     ...	...     ...	268

## VOLUNTARY HELPERS.

The voluntary services of the ladies who attend the Child Welfare Centres are much appreciated, and sincere thanks are due to them.

## INFANT LIFE PROTECTION,

	1948	1947
The number of persons who were receiving children for reward	...     ...	...     —
Visits paid to these children during the year	...	—

Recent legislation transferred this work to the Children's Officer of the County Council.

## SCABIES AND PEDICULOSIS ORDER, 1941.

This Order ceased to be operative after 31st December, 1947

32 cases of pediculosis were treated at the Centre as against 45 in 1947.

There were no cases of Scabies treated.

## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

#### MATERNITY & CHILD WELFARE.

The National Health Service Act, 1946 came into force on 5th July, 1948. Part III of the Act involved the transfer of Welfare Services with personnel engaged in those Services to County Council administration. Information given in respect of these services relates to the first six months of the year.

#### VACCINATION & IMMUNISATION.

The National Health Service Act, 1946, imposed the duty on the local health authority—in this area the County Council—of making arrangements for vaccination against smallpox and immunisation against diphtheria. Your Council have agreed with the proposal of the Notts. County Council to utilise the services of your Medical Officer of Health in carrying out these arrangements.

Figures shown in connection with diphtheria immunisation relate to the 12 months period.

#### LABORATORY SERVICE.

The Public Health Laboratory Service established a laboratory at Amberley Street, Nottingham under the direction of Dr. G. B. Ludlam, during the year. The services of this laboratory have been freely utilised and have been of the greatest value.

#### HOSPITALS.

Infectious Diseases Hospitals have been taken over by the Regional Hospital Board as from 5th July, 1948. Practitioners have been informed by the Board that the Medical Officer of

Health will advise with regard to the admission to hospital of uncomplicated cases of scarlet fever, whooping cough, measles etc. Statutory provisions with regard to notification of infectious diseases remain unchanged.

#### NATIONAL VITAMINS SCHEME.

In co-operation with the Ministry of Food, vitamin products are supplied at the Clinics.

#### NATIONAL ASSISTANCE ACT 1946. SECTION 47.

No action was taken.

### **SECTION C.**

#### The Sanitary State of the Area. . .

Water Supply and Sewage system are the same as in previous years.

#### WATER SUPPLY.

The Council undertake the distribution of water within the Urban District obtaining it in bulk from the Borough of Mansfield. The supply is constant, sufficient and of excellent quality the sources being deep wells at Rainworth and Clipstone tapping the "Bunter Sand Stone."

The following table shows the results of chemical analysis and bacteriological examination of mains water during 1948.

## CHEMICAL ANALYSIS

This sample contains per 100,000 parts

Total Solids dried at 180°C.	...	...	48.00
Suspended Matter	...	...	absent
Chlorides as Chlorine	...	...	15.62
Oxidised Nitrogen as nitrite	...	...	absent
Oxidised Nitrogen as nitrate	...	...	0.0005
Free Ammonia	...	...	0.0004
Albuminoid Ammonia	...	...	0.0020
Temporary Hardness	...	...	7.00
Permanent Hardness	...	...	17.00

Oxygen absorbed in 4 hrs. at 80°F. from N-80 KMnO<sub>4</sub> 0.008

pH value	...	...	...	7.60
Appearance	...	...	...	clear and bright
Odour	...	...	...	...
Taste and Colour	...	...	...	normal
Heavy Metals	...	...	...	absent
Free Chlorine	...	...	...	absent

## BACTERIOLOGICAL EXAMINATIONS.

Jan. Apr July Oct

Plate Count. Yeastrel agar 3 days 22°C.

aerobically	...	...	85	420	12	1 per ml.
" "	agar 2 days 37°C.					

aerobically	...	...	1	184	3	1 per ml.
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Probable number of coliform bacilli

MacConkey 2 days 37°C.	..	0	0	0	0 per
					100 ml.

Approximate proportions of faecal and  
non-faecal coli

(a) Faecal coli	...	...	0	0	0	0 per cent
(b) Non-faecal coli	...	...	0	0	0	0 per cent

The water is not liable to have plumbo solvent action.

The average total consumption of water per head per day was as follows :—

		1948	1947
Domestic per head per day	...	21.25	20.70
Trade per head per day	...	5.25	5.37
Total all purposes	...	26.5	26.67

Particulars of the number of dwelling houses and the number of the population supplied from public water mains.

		Houses	Population
		No. per cent	No. per cent
(a) Direct to houses	...	4525 99.8	17457 99.75
(b) By means of standpipes		4 .09	13 .074

There are only 5 dwellings .11 per cent in the district without public supply and of these 4 have spring water (3 supplied by hydraulic ram and 1 supplied by gravitation); the other dwelling has the public supply conveyed from other premises.

Samples of water from two springs were obtained during the year and both waters were found to be of satisfactory bacterial and chemical quality.

## SECTION F.

### PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES.

13 cases of Infectious Disease were admitted into Mansfield Borough Isolation Hospital during the year.

The Council paid the following precepts to the South Notts. Joint Hospital Board during the year under review :—

1948 — £163. 11s. 0

1947 — £163 10s 2d

#### SCARLET FEVER.

During the year 17 cases occurred compared with 17 cases in 1947, 9 of these cases were removed to hospital.

**DIPHTHERIA.**

There was one case of diphtheria during the year compared with no cases in 1947.

**MEASLES.**

168 cases were notified during the year compared with 221 cases notified during the year 1947.

**WHOOPING COUGH.**

83 cases were notified during the year compared with 5 cases notified during the year 1947.

**OPHTHALMIA NEONATORUM.**

One case was notified during the year.

**FOOD POISONING.**

No cases were notified during the year.

**TUBERCULOSIS.**

	1948.		1947.	
	M	F	M	F
Pulmonary Tuberculosis				
Number of cases in the area	...	38 49	38	46
Non-Pulmonary Tuberculosis				
Number of cases in the area	...	22 2	19	3
Pulmonary Tuberculosis				
Number of deaths during the year	...	4 1	2	3

1948      1947

**Non-Pulmonary Tuberculosis**

Number of deaths during the year ...	—	—	—	2
--------------------------------------	---	---	---	---

**Pulmonary Tuberculosis**

Number of new cases during the year ...	6	3	3	3
---	---	---	---	---

**Non-Pulmonary Tuberculosis**

Number of new cases during the year ...	5	—	1	—
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**DIPHTHERIA IMMUNISATION.**

The following table shows the diphtheria immunisation state for the district at 31st December, 1948:—

**Immunisation in relation to Child Population.**

Age								Total
	under 1	1	2	3	4	5-9	10-14	under 15
No. immunised	70	145	108	170	206	975	779	2453
Estimated mid-year child population		1742				2696		4438
	Children under 5.					Children 5-14.		

**Diphtheria Notifications and Deaths in Relation to Immunisation****Notifications.      Deaths.**

1	nil.
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## ATTENDANCES AT WELFARE CENTRES

Centre	No. of times open in year 1948	Total No. of Attendees of Children under 1 year 1948	Total No. of Atten- dances of Children 1-5 1948	Average Attendance of Infants 1947		Average Attendance of Children 1948
				1947	1947	
Mansfield Woodhouse ...	49	88	2057	3395	933	1430
Forest Town...	24	45	957	1306	516	1040

Figures for 1948 are for period January—June, inclusive

**ANTE-NATAL, POST-NATAL, MATERNITY AND CHILD  
WELFARE, DENTAL AND IMMUNISATION CLINICS.**

The following is the Time Table of the Clinics :—

Clinic held at	Maternity and Child Welfare	Ante-Natal	Post-Natal	Immunisation	Dental
Park Road Centre, Mansfield Woodhouse	Tuesday and *Thursday 2.0-4.0 p.m.	Tuesday, 10.0 a.m.	Tuesday 10.0 a.m.	2nd Monday in each month at 10.0 a.m.	By Appointment
Forest Town Centre Methodist Chapel	Monday 2.30	2nd Tuesday in each month at 10.0 a.m.	2nd Tuesday at 10.0 a.m.	2nd Monday in each month at 2.30 p.m.	

x Attended by Health Visitor.

† Attended by Mr. G. R. Smith, L.D.S., Notts. C.C. School Dental Service

Otherwise all attended by M.O.H. and by Health Visitor.

NOTIFIABLE DISEASE (OTHER THAN TUBERCULOSIS)  
DURING THE YEAR 1948.

Disease	Under 1	1	2	3	4	5	10	15	20	35	45	65	Total Cases Notified	Hospitalized Cases	Cases Adm. in Hospitals	Total Deaths
Small Pox	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	...	...	1	—	2	1	3	6	2	2	—	—	—	17	9	—
Diphtheria	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia (all forms)	...	—	—	—	—	1	—	—	—	—	1	—	—	1	3	—
Erysipelas	...	—	—	—	—	—	—	—	—	—	—	—	—	+	2	4
Ophthalmia Neonatorum		1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	...	...	6	16	22	16	38	67	3	—	—	—	—	168	1	—
Whooping Cough	...	7	16	13	13	8	24	1	—	—	—	—	—	82	1	2
Cerebro Spinal Fever	...	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—

## CANCER DEATHS.

Taken from the Returns of Deaths to the Sanitary Authority.

Age.	Males.	Females.	Colon.	Uterus	Stomach.	Rectum.	Breast.	Miscellaneous.
Under 50	2	3	1	2	1	1	1	1
50-60	2	—	—	—	—	2	—	—
60-70	3	1	1	—	1	—	—	2
70-80	5	1	2	—	—	1	—	3
80-90	—	1	—	—	—	1	—	—
	12	6	4	2	2	4	1	6

## CAUSES OF DEATH.

All ages.

Males. Females.

Whooping Cough	...	...	...	...	—	2
Diphtheria	...	...	...	...	—	—
Influenza	...	...	...	...	1	1
Tuberculosis of Respiratory System				...	7	—
Other Forms of Tuberculosis			...	...	1	—
Syphilitic diseases	...	...	...	...	1	—
Cancer of all other sites	...	....	...	...	12	6
Diabetes	...	...	...	...	—	2
Intracranial vascular lesions			...	...	3	9
Heart Disease	...	...	...	...	13	14
Other Diseases of Circ. Sys.	...	...	...	...	6	2
Bronchitis	.....	...	...	...	12	3
Pneumonia	...	...	...	...	7	3
Other respiratory diseases			...	...	1	—
Ulcer of stomach or duodenum			...	...	1	2
Diarrhoea under 2 years	...	...	...	—	—	—
Appendicitis	...	...	...	...	—	—
Other digestive diseases	...	...	...	...	1	4
Nephritis	...	...	...	...	—	1
Premature birth	...	...	...	...	4	1
Other maternal causes	...	...	...	—	—	1
Congenital malformation, birth injury &c	...	38	—	—	1	—
Suicide	...	...	...	...	3	—
Road Traffic Accidents	...	...	...	...	1	1
Other violent causes	...	...	...	...	7	—
All other causes	...	...	...	...	5	9

1948.

1947

Deaths of Infants under 1 year	M.	F.	M.	F.
Total	14	7	183	4
Legitimate	14	7	13	4
Illegitimate	—	—	—	—

## LIVE BIRTHS.

Total	184	186	221	180
Legitimate	178	178	217	174
Illegitimate	6	8	4	6

POPULATION	...	17,180	16963
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## Vital Statistics.

**Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and case-rates for certain Infectious Diseases in the year 1948.**

**(Provisional Figures based on Quarterly Returns)**

	Mansfield Woodh'se	England and Wales	126 County Boro's and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Administrative County
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**Rates per 1,000 Civilian Population**

<b>Births :—</b>					
Live ... ...	21.54	17.9 (a)	20.0	19.2	20.1
Still ... ...	0.47	0.42(a)	0.52	0.43	0.39
<b>Deaths :— All Causes ...</b>	<b>8.79</b>	<b>10.8 (a)</b>	<b>11.6</b>	<b>10.7</b>	<b>11.6</b>
Typhoid and Paratyphoid Fevers ...	0.00	0.00	0.00	0.00	.000
Whooping Cough ...	0.12	0.02	0.02	0.02	0.01
Diphtheria ...	0.00	0.00	0.00	0.00	0.01
Tuberculosis ...	0.47	0.51	0.59	0.46	0.63
Influenza ... ...	0.12	0.03	0.03	0.04	0.02
Smallpox ... ...	—	—	—	—	—
Acute Poliomyelitis and Polioencephalitis ...	0.00	0.01	0.01	0.01	0.00
Pneumonia ...	0.58	0.41	0.38	0.36	0.54
<b>Notifications :—</b>					
Typhoid ... ...	0.00	0.01	0.00	0.01	0.00
Paratyphoid Fever ...	0.00	0.01	0.01	0.01	0.01
Cerebro.Spinal Fever ...	0.06	0.03	0.03	0.02	0.03
Scarlet Fever ...	0.99	1.73	1.90	1.82	1.37
Whooping Cough ...	4.83	3.42	3.51	3.31	3.13
Diphtheria ... ...	0.06	0.08	0.10	0.09	0.10
Erysipelas ... ...	0.23	0.21	0.23	0.21	0.22
Smallpox ... ...	—	—	—	—	—
Measles ... ...	9.78	9.34	9.75	8.84	9.17
Pneumonia ... ...	0.17	0.73	0.84	0.60	0.57
Acute Poliomyelitis ...	0.00	0.04	0.05	0.04	0.04
Acute Polioencephalitis	0.00	0.00	0.00	0.00	0.04

**Rates per 1,000 Live Births.**

<b>Deaths under 1 year of age...</b>	56.76	34(b)	39	32	31
<b>Deaths from Diarrhoea and Enteritis under 2 years of age ... ...</b>	0.00	3.3	4.5	2.1	2.4

**Rates per 1,000 Total Births (Live and Still)**

<b>Notifications:—</b>					
Puerperal Fever ...	2.65	6.89	8.90	4.71	6.94x
Puerperal Pyrexia ...					
<b>Maternal Mortality :—</b>					
Abortion with Sepsis ...	0.00	0.11			
Abortion without Sepsis ...	0.00	0.05			
Puerperal Infections ...	0.00	0.13			
Other ... ...	2.65	0.73			

**Abortion : Mortality per million women aged 15-44—England and Wales—**

With Sepsis ... ... ... ... ... 9

Without Sepsis ... ... ... ... ... 4

x Including Puerperal Fever.

(a) Rates per 1,000 total population.

(b) Per 1,000 related births.

**SANITARY INSPECTOR'S REPORT.**

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To the Chairman and Members of the Mansfield Woodhouse  
Urban District Council.

Mr. Chairman and Gentlemen,

It is my privilege as your Sanitary Inspector to submit, in conjunction with the report of the Medical Officer of Health, details of the work carried out under the several Acts, Orders, Regulations and Byelaws in force in the District.

The housing problem in all its aspects has had fullest attention, and the investigation of applications in connection with your "Points Scheme" for the selection of tenants and subsequent interviewing of unsuccessful applicants has again taken considerable time and restricted work in other directions. Full employment in the building trades with a consequent shortage of labour for repair work, together with the continued shortages of certain materials have caused considerable delay in the execution of repairs and more Statutory action has been necessary.

I should like to express my appreciation of your interest and full support in my work and also to thank the Medical Officer of Health, Staff of the Health Department and Officials of the Council for their help and ready co-operation.

I have the honour to be  
your obedient Servant,  
**LESLIE F. LIGHTFOOT,**  
Sanitary Inspector.

## SANITARY INSPECTIONS OF THE DISTRICT.

### NOTICES SERVED.

Informal Notices served	...	...	364
Informal Notices complied with	...	...	315
Statutory Notices served	...	...	66
Statutory Notices complied with	...	...	66
Letters sent out	...	...	528
Complaints investigated	...	...	261
Nuisances found	...	...	31

### SYNOPSIS OF INSPECTIONS MADE.

Total Number of inspections made	...	...	5130
Total Number of re-inspections made	...	...	2007

### DWELLING HOUSES.

	Inspections.	Re-inspections.
Ordinary	...	301
Infectious diseases	...	19
Housing (Consolidated Regulations)	20	14
Housing Act (Overcrowding)	36	13
Prospective Council House Tenants	1017	—
Scabies and Pediculosis	32	2

### SANITARY CONVENIENCES.

Water Closets	...	...	70	103
Pail Closets	...	...	8	4

### REFUSE STORAGE AND DISPOSAL.

Ashbins	...	...	259	459
Ashpits	...	...	9	—
Tips	...	...	24	15
Pig food bins	...	...	20	10
Salvage stores			12	6

**DRAINS.**

Inspections	...	...	46	34
Smoke Tests	...	...	8	—
Water Tests	...	...	6	—
Colour Tests	...	...	5	—

**SEWERS, ETC.**

Sewers	...	...	86	98
Street Gullies	...	...	20	18

**FACTORIES.**

Factories (with mechanical power)		16	3
Factories (without mechanical power)		7	1
Outworkers	.....	7	—

**FOOD STORAGE, PREPARATION, ETC.**

Bakehouses (with mechanical power)		12	4
Bakehouses (without mech. power)		6	1
Butchers' Shops	...	58	10
Cowsheds	...	8	3
Dairies, Milkshops	...	47	2
Fish Frying Premises	...	39	—
Ice cream manufacturers		40	16
Ice cream dealers		56	11
Food Preparing Premises		46	3
Slaughter Houses	...	30	3
Meat and Food Inspections	...	390	—

**MISCELLANEOUS.**

Accumulations	...	10	15
Animals, Poultry, etc.	...	6	3
Disinfestation	...	27	41
Flooding	...	4	—
Meetings with owners, tradesmen		120	—
Miscellaneous (Sewage Works,			
Waste of water, etc.	...	43	—
Offensive Trades	...	36	6

Petroleum Storage	...		20	3
Piggeries	...	...	215	23
Rats and Mice	...	...	1497	496
Special Notices of Slaughter	...		343	—
Special Visits	...	...	41	—
Moveable Dwellings	...	...	6	40
Works in Progress	...	...	150	—
Yards and Courts	...	...	60	29
Shops Acts	...	...	12	2
Building Licences and Certificates of Essential Repair	...	...	112	—

SUMMARY OF IMPROVEMENTS CARRIED OUT UNDER  
THE PUBLIC HEALTH ACT 1936 & HOUSING ACT 1936.

Dwelling Houses	...	...	...	576
Dustbins provided	...	...	...	259
Ashpits abolished	...	...	...	—
Water service pipes repaired	...			10
Water closet structures repaired				31
Water closet fittings renewed	...			39
Pail closets repaired				2
Drains cleansed or repaired	...			34
Accumulations removed	...	...		10
Sinks repaired or renewed	...			7
Sink waste pipes repaired or renewed				14
Floors repaired	...	...	...	14
Under floor ventilation improved	...			5
<del>Plaster to walls repaired</del>				43
<del>Plaster to ceilings repaired or renewed</del>				43
Woodwork to doors and windows repaired				17
Windows repaired	...	...	...	43
Fireplaces and ranges repaired or renewed	...	(...)	...	44
Flues repaired	...	...	...	15

Washing accommodation repaired	...	15
Roofs repaired	...	59
Eaves gutters and downpipes repaired		83
Downpipes disconnected from drains		5
Chimney stacks & pots repaired or renewed		10
Food stores repaired	...	3
Coalstores re-built or repaired	...	33
Rising dampness remedied	...	10
Walls re-pointed or rebuilt	...	31
Paving repaired	...	15
Hot water systems repaired	...	5

## RODENT CONTROL.

### **RATS AND MICE (DESTRUCTION) ACT, 1919 AND THE INFESTATION ORDER, 1943.**

This branch of the department's work has continued to develop and the survey of surface properties commenced last year was completed. Where infestations were discovered the necessary treatments by trapping, gassing or poisoning were carried out. Infestations of mice were found to be greater than rat infestations, this caused extra work as mice in my opinion are, because of their habits, much more difficult to destroy than rats.

Major infestations at the sewage works, salvage shed, refuse tips and at the playing fields, where tipping of refuse took place for levelling purposes, were all dealt with and periodic treatments were carried out.

Two sewer treatments were carried out during the year, one in April and one in November and the result shows the infestation to be very slight.

No attempt has been made to estimate the numbers killed, but the following table shows the work done.

## SURFACE PROPERTY.

		Private Houses.	Business Premises.	Council Premises
No. Surveyed	...	1411	7	5
No. Rat Infested	...	25	3	4
No. Mice Infested		66	—	1
No. treated by Council		63	3	5
No. treated by occupier		28	—	—
No. secondary treatments		13	—	12

## SEWER MANHOLES.

	Test baited	Infested	Poison baited
April	... 30	12	12
November	... 56	nil	nil

**SMOKE ABATEMENT.**

Complaint was received concerning the excessive emission of smoke from one smoke stack during the year, the cause was found to be faulty methods of boiler firing and the nuisance was abated after correct methods were instituted.

**SHOPS ACT, 1934.**

During the year 12 inspections were made of shops respecting the provisions of Section 10 of this Act. One notice was served requesting the repair of sanitary accommodation the notice was complied with.

**PUBLIC HEALTH ACT 1936 : CAMPING SITES,****TEMPORARY DWELLINGS, ETC.**

There are no camping sites in the District.

During the year 2 sites were used for living vans without either the sites or the dwellings being licensed. Immediate action was

taken in accordance with the provisions of the Act and in one case the van was removed before the expiration of the specified period, in the other case information was laid under Section 269 of the Act and the defendant was fined 5/- and an Order was made for the removal of the van within six weeks, this van was moved in accordance with the Order.

### **OFFENSIVE TRADES.**

Number on Register at end of 1948:—

Tripe Boiling	...	...	...	...	...	3
Gut Scraping	...	...	...	...	...	1
Fat Melting	...	...	...	...	...	1
Blood Drying	...	...	...	...	...	1

The businesses have again been carried on satisfactorily.

### **SLAUGHTER HOUSES.**

The number of licensed slaughterhouses in the district has been reduced to 1 which is used for the slaughter of pigs for cottagers and private persons.

The licences of the 2 remaining slaughterhouses have not been renewed since 1940.

### **SLAUGHTER OF ANIMALS ACT, 1933.**

Two new licences were granted to slaughtermen during the year and 17 persons are now licenced by the Council under this Act.

The Ministry of Food only issue licences for the slaughter of pigs for home consumption where a licenced slaughterman is to be employed, and in cases of emergency a Cash Captive Bolt humane slaughtering pistol can be borrowed from the Health Department.

## **ERADICATION OF VERMIN AND INSECT PESTS.**

Eradication is effected by the use of liquid and powder insecticides containing D.D.T. and gammexane smoke generators together with steam disinfection of bedding and clothing in appropriate cases. This work is carried out by a trained operator and except in the case of ant infestations treatment has been very successful and re-infestation negligible.

The following table shows the infestations dealt with:—

Vermin or Pest	Council Houses.	Other Houses.	Disinfested by Council	Disinfested by Occupier
Bugs	...      ...	2	7	6
Cockroaches	...      ...	4	7	4
Furniture Beetle		1	1	1
Ants	...      ...	2	3	3
Total	...      ...		27	14
				13

## **FACTORIES WITH AND WITHOUT MECHANICAL POWER AND OTHER PREMISES.**

### 1.—INSPECTIONS FOR THE PURPOSE OF PROVISIONS AS TO HEALTH INCLUDING INSPECTIONS MADE BY SANITARY INSPECTOR.

Premises.	No. on Register	No. of Inspections.	No. of Written Notices.	No. of Occupiers Notices.	No. of Prosecuted
Factories with mech- anical power	22	16	1		--
Factories without mechanical power	5	7	—		—

Premises.	No. on Register	No. of Inspections.	No. of Written Notices.	No. of Occupiers Prosecuted
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### Other Premises

under the Act (including works of building and Engineering Construction) but excluding outworkers'

premises	2	6	—	—
...	—	—	—	—
	29	29	1	—
	—	—	—	—

### 2.—DEFECTS FOUND.

#### Particulars.

		Found.	Remedied.	Referred by H.M. Inspector.
Want of Cleanliness	...	—	—	—
Overcrowding	...	—	—	—
Unreasonable temperature	—	—	—	—
Inadequate ventilation	...	—	—	—
Inadequate drainage of floors	—	—	—	—
Sanitary Accommodation:—				
Insufficient	...	1	1	—
Unsuitable or defective	—	1	—	—
Not separate for sexes	—	—	—	—
Want of Cleanliness	—	1	1	—
Other offences	...	—	—	—
	—	—	—	—
	3	2	—	—
	—	—	—	—

### OUTWORKERS.

7 outworkers premises have been inspected and found to be clean and satisfactory.

## HOUSING STATISTICS OF THE YEAR 1948.

**SECTION D. — HOUSING.****1.—INSPECTIONS OF DWELLING-HOUSES DURING THE YEAR.**

(1) a. Total number of dwelling-houses inspected for housing defects (under the Public Health or Housing Acts)	...	...	...	...	376
—(b) Number of inspections made for the purpose					883
(2) a. Number of dwelling-houses (included under sub-head (1)) above which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	...	...	...	...	20
(b) Number of inspections made for the purpose					34
(3) Number if dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	2
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	...	...	269

**2.—REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.**

Number of dwelling-houses rendered fit in consequence of informal action by local authority or their officers	...	...	...	273
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3.—ACTION UNDER STATUTORY POWERS DURING THE  
YEAR.

(a). Proceedings under Section 9, 10 and 16 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs nil.

(2) Number of dwelling-houses which were rendered fit after service of formal notices:—

(a) By owners ... ... ... ... nil.

(b) By local authority in default of owners —

(b) Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ... ... ... 66

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:

By owners ... ... ... ... 59

(b) By local authority in default of owners 7

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which Demolition Orders were made ... ... nil.

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders ... ... nil.

(d) Proceedings under Section 12 of the Housing Act, 1936:

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ... ... nil.

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit ... ... ... nil.

4. HOUSING ACT, 1936. PART IV. OVERCROWDING.

(a) (1) Number of dwellings overcrowded at the end of the year	...	...	...	...	19
(2) Number of families dwelling therein	...				26
(3) Number of persons dwelling therein	...				136
(b) Number of new cases of overcrowding reported during the year	...	...	...		5
(c) (1) Number of cases of overcrowding relieved during the year	...			...	4
(2) Number of persons concerned in such cases					18
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding	...	...	...	...	nil.
(e) Any other particulars with respect of overcrowding conditions upon which the medical Officer of Health may consider it desirable to report	...	...	...	...	nil.

The acute housing shortage has again made it impossible to re-house any of the single families living in overcrowded circumstances. Some of these families will require four-bedroom type houses and it is expected that some Council Houses of this type will be made available for these families, as the tenants are willing to accept smaller houses.

**SECTION E. — INSPECTION AND SUPERVISION OF  
FOOD.**  
**MILK SUPPLY.**

**REGISTRATION OF PERSONS AND PREMISES.**

Milk producers on the register	...	...	...	8
No. of premises registered as Dairies	...	...	...	12
No. of registered retail purveyors, resident within the district (including producer/retailers)				40
No. of producer/retailers resident within the district				3
No. of registered retail purveyors, resident outside the district	...	...	...	6
Wholesale milk traders on register	...	...	...	8
No. of inspections of dairies, cowsheds and milkshops				55

During the year it was necessary to call the owners and occupiers attention to the following defects or contraventions all of which were remedied.

Dirty condition of milk stools	...	...	...	1
Limewashing of dairy overdue	...	...	...	1

**DESIGNATED MILKS.**

The following licences have been granted for the sale of Designated Milks, viz.:—

Supplementary Licences		No. Granted.
Tuberculin Tested Pasteurised Milk	...	4
Pasteurised Milk	...	5

**Dealers' Licences.**

Tuberculin Tested Pasteurised Milk	...	...	5
Pasteurised Milk	...	...	9

In addition there is one "Accredited" milk producer and two "Tuberculin Tested" milk producers licenced by the Notts. County Council in the District.

## BACTERIOLOGICAL TESTS OF MILK.

During the year 57 samples of milk produced or retailed in the district were submitted for examination.

### MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936 to 1946.

Designation.		No. of Samples.	Passed.	Failed.
Tuberculin Tested	Pasteurised	13	12	1
Pasteurised	...	11	10	1
xTuberculin Tested	...	21	20	1
xAccredited	...	7	7	—
		—	—	—
		52	49	3
		—	—	—

x Samples taken by Notts. County Council.

The pasteurised milk and the tuberculin tested pasteurised milk which failed to comply were processed at plants outside the district, the results were immediately transmitted to the Sanitary Inspectors concerned and also to the Area Milk Officer of the Ministry of Food.

### HEAT-TREATED MILK (PRESCRIBED TESTS) ORDER 1946.

		No. of Samples.	Passed.	Failed
Sterilised Milk	...	3	3	—

## RAW MILK.

Produced at farms in the district	2	2	—
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No bacteriological standard is laid down for ordinary raw milk, but the test for raw designated milk has been applied.

**INSPECTION OF MEAT AND OTHER FOODS.**  
**CARCASES INSPECTED & CONDEMNED.**

	Cattle ex Cows	Cows	Calves	Sheep	Pigs	Goats
No. Slaughtered	...	—	—	—	343	—
No. Inspected	...	...	—	—	338	—
<b>ALL DISEASES EXCEPT T.B.</b>						
Whole carcasses condemned	...	—	—	—	2	—
Carcases of which some part or organ was condemned	...	—	—	—	5	—
Percentage of No. inspected affected with disease other than T.B.	—	—	—	—	2.07%	—

**T.B. ONLY.**

Whole carcasses condemned	...	—	—	—	—	—
Carcases of which some part or organ was condemned	...	...	—	—	—	10
Percentage of Number Inspected affected with T.B.	—	—	—	—	2.96%	—

These condemnations of pork and offal totalled 550 lbs.

In addition to the above, the following were condemned and surrendered as being unfit for human consumption.

Home Killed Beef	...	...	...	106 lbs.
Imported Beef	...	...	...	96 lbs.
Imported Pig Livers	...	...	...	10 lbs.
Imported Canned Corned Beef and Mutton	—	—	212½ lbs.	
Wet Fish	...	...	...	273 lbs.
Canned Vegetables	...	...	...	19½ lbs.
Butter and Margarine	...	...	...	2 lbs.
Bacon	...	...	...	44 lbs.
Sultanas	...	...	...	44 lbs.
Spaghetti	...	...	...	11 lbs.
Pearl Barley	...	...	...	7 lbs.
Burley Flakes	...	...	...	13½ lbs.
Miscellaneous	...	...	...	1¾ lbs.

## PREMISES INSPECTED.

Slaughterhouses	...	...	...	30
Meat and Food Inspection Visits	...	...	390	
Butchers' Shops	...	...	58	
Special Notices of Slaughter	...	...	343	
No. of condemnations	...	...	64	
Total weight condemned	...	12 cwts. 4 st. 1 lb.		

All diseased meat and unsound foods are disposed of at local factory in an "Iwell" dry process plant and converted into fertilizers and animal feeding stuffs,

## FOOD AND DRUGS ACT, 1938.

### REGISTRATION OF PREMISES UNDER SECTION 14.

Ice-Cream Manufacturers	...	...	8
Ice-Cream Retailers	...	...	15
Preserved Meat Manufacturers	...	...	7
Fish Friers	...	...	13

During the year applications in respect of one ice-cream manufacturer and four ice-cream retailers were approved. The number of samples taken was 31, an increase of 19 over the previous year, the Methylene Blue Test advised by the Public Health Laboratory Service was applied to all samples and the following results were obtained.

Source of Sample	No. obtained	Provisional Grade			
		I	II	III	IV
Manufactured at premises, registered by the Council	22	9	7	5	1
Manufactured at premises outside and retailed within the District	9	4	2	1	2
Total	31	13	9	6	3

The three Grade IV samples which were from two sources were subject to special investigation and it was found that faulty methods of sterilisation of equipment had been adopted, certain recommendations as to improved methods were made and follow-up samples afterwards obtained gave satisfactory results.

### **ADULTERATION OF FOOD AND DRUGS.**

The following information has been kindly supplied by Mr. T. L. E Gregory, Chief Inspector, Notts County Council

PARTICULARS OF SAMPLES OBTAINED IN THE URBAN DISTRICT DURING THE YEAR ENDING 31st DECEMBER, 1948 AND SUBMITTED TO THE PUBLIC ANALYST.

Article	Public Analyst			Genuine
	Obtained	Submitted to		
Arrowroot	...	...	1	1
Barley Flakes	...	1	1	1
Black Pudding	...	1	1	1
Brawn	...	1	1	1
Cake, Decoration, Edible		1	1	1
Creamola	...	1	1	1
Cornish Pasty	...	1	1	1
Fish Paste	...	2	2	2
Fish Spread	...	1	1	1
Gelatine	...	1	1	1
Lemonade Crystals	...	1	1	1
Meat Paste	...	1	1	1
Mint, Dried	.....	1	1	1
Mint Sauce	...	1	1	1
Nutmeg	...	1	1	1
Olive Oil	...	2	2	2

Pepper	...	...	...	1	1	1
Semolina	...	...	...	2	2	2
Sandwich Spread	...	...	1	1	1	1
Silver Hake	...	...	...	1	1	1
Soup	...	...	...	2	2	2
Sunny Spread	...	...	...	1	1	1
Tea	...	...	...	2	2	2

## MILK.

In addition to the above 64 informal samples of milk were obtained and examined by the Sampling Officers, 62 being genuine and 2 adulterated or sub-standard, these two samples were 3 per cent. deficient in milk fat and the vendors were cautioned.







